| index of C | ,,,,,,,,                 |
|------------|--------------------------|
|            |                          |
|            |                          |
|            | 191 11911 61611 6161 186 |

| Application No. | Applicant(s) |
|-----------------|--------------|
| 09/758,144      | ITO ET AL.   |
| Examiner        | Art Unit     |
| Hai C Pham      | 2861         |

| <br>1 | 7 | <br> |
|-------|---|------|

Rejected

Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |   |              |                |              |          |            |  |          |  | _               |
|----------|---|--------------|----------------|--------------|----------|------------|--|----------|--|-----------------|
| Cli      | aim   |              |                |              | [        | Date       | 2  |          |  |                 |
| l _      | <u>a</u>  | 4            |                |              |          |            |  |          |  |                 |
| Final    | gir   | 8/30/04      |                |              |          |            |  |          |  |                 |
| ш.       | Original  | 8/3          |                |              |          |            |  |          |  |                 |
|          | 1)<br>2<br>3<br>4<br>5<br>6                                       | 7            |                |              |          |            |  |          |  |                 |
|          | 7   | 1            |                |              |          |            |  |          |  | $\dashv$        |
|          | 3   | 1            | -              | -            |          |            |  | -        |  | H               |
|          | \ \frac{3}{4}   | 7            |                | -            |          | -          |  | $\dashv$ |  | -               |
|          | 5   | <del>,</del> |                | Н            |          | -          |  | _        |  |                 |
|          | 6   | V            |                |              |          |            |  |          |  | -               |
| <b>—</b> | 7   | 7            |                | _            |          |            |  |          |  |                 |
| 1        | 8   | 7777777      |                |              |          |            |  |          |  |                 |
|          | 9   | 0            |                |              |          |            |  |          |  |                 |
|          | 10  | 4            |                |              |          |            |  |          |  |                 |
|          | (11)  | 0 7 7 7 7    |                |              |          |            |  |          |  |                 |
|          | 12  | 1            |                |              |          |            |  |          |  |                 |
|          | (13)  | 1            |                |              |          |            |  |          |  |                 |
|          | 14  | <b>√</b>     |                |              |          |            |  |          |  |                 |
|          | 15  | _            |                | $\Box$       |          | L          | _  | Ш        | L.   |                 |
|          | 9<br>10<br>(11)<br>12<br>(13)<br>14<br>15<br>16<br>17<br>18<br>19 |              |                |              |          |            |  | Щ        |  |                 |
|          | 17  |              |                |              |          |            |  |          |  |                 |
|          | 18  |              |                |              |          |            |  |          |  |                 |
|          | 19  |              |                |              |          |            |  |          |  |                 |
|          | 20  |              |                |              |          |            |  |          |  |                 |
| <u> </u> | 21  |              |                |              |          |            |  |          |  |                 |
| <u> </u> | 22<br>23<br>24<br>25<br>26<br>27                                  |              | _              |              |          |            | _  | _        | _  | _               |
| <u> </u> | 23  | _            | -              | _            |          | _          |  |          |  |                 |
|          | 24  |              | _              |              |          |            |  |          |  |                 |
|          | 25  | $\vdash$     | $\vdash$       | $\vdash$     |          |            | $\vdash$   | -        | -  |                 |
|          | 27  | -            | $\vdash$       | -            | _        | -          | -  |          |  | -               |
|          | 28  | -            |                |              | _        | _          | <del>                                     </del> |          |  | $\dashv$        |
|          | 28<br>29<br>30  |              |                | _            | _        | ├─         | $\vdash$   | -        | -  | $\dashv$        |
|          | 30  | -            |                |              | _        | ┢          | _  | _        | $\vdash$   | $\overline{}$   |
|          | 31  |              |                |              |          | -          | -  |          |  | $\dashv$        |
|          | 31<br>32  |              |                |              | $\Box$   |            | $\vdash$   |          |  |                 |
|          | 33  |              |                |              |          |            |  |          |  |                 |
|          | 34  |              |                |              |          |            |  |          |  |                 |
|          | 35  |              |                |              |          |            |  |          |  |                 |
|          | 36  |              |                |              |          |            |  |          |  |                 |
|          | 37  |              |                |              |          | L          | L  | L        |  |                 |
| <u></u>  | 38  | Ш            |                | _            |          |            |  | Ш        |  | Ш               |
| <u></u>  | 39  | ļ            | _              |              |          |            | ļ  | ╙        |  | Ш               |
|          | 40  |              | <u> </u>       |              |          |            | <u> </u>   | <u> </u> | <u> </u>   | Ш               |
| <u></u>  | 41  | <u> </u>     | <u> </u>       | <u> </u>     | <u> </u> | <b> </b> - | ├  | $\vdash$ | ├  | Щ               |
| <u></u>  | 42  |              | $\vdash$       | -            | <u> </u> | _          | <del> </del>                                     | _        |  | $\square$       |
| <u> </u> | 43  | _            | <u> </u>       |              | <u> </u> | ├—         | -  |          | ⊢  |                 |
| -        | 44  | ├            |                | -            | -        | _          | $\vdash$   | $\vdash$ | $\vdash$   | Н               |
| <b>—</b> | 45  | <del> </del> | $\vdash$       | -            | -        | -          | $\vdash$   | $\vdash$ | $\vdash$   | Н               |
| <u></u>  | 46  | -            | ⊢              | <del> </del> | $\vdash$ | _          | $\vdash$   | -        | <del>                                     </del> | H               |
| -        | 47  | $\vdash$     | $\vdash$       | $\vdash$     | -        | $\vdash$   | <del> </del> -                                   | -        | $\vdash$   | $\vdash\vdash$  |
| -        | 49  | $\vdash$     | $\vdash$       | $\vdash$     | -        | $\vdash$   | $\vdash$   | $\vdash$ | <del>                                     </del> | $\vdash \vdash$ |
| -        | 50  | $\vdash$     | <del>  -</del> | -            | ├─       |            | ├  | $\vdash$ | $\vdash$   | $\vdash \dashv$ |
|          | 1 20  |              |                | 1            |          |            |  |          | L  | ட               |

| Cla      | im                   | Date   |          |  |          |          |              |  |  |              |
|----------|----------------------|--|----------|--|----------|----------|--------------|--|--|--------------|
| Final    | Original             |  |          |  |          |          |              |  |  |              |
| <u> </u> | 51                   |  |          |  |          |          | -            |  |  |              |
|          | 51<br>52<br>53       |  |          |  |          |          |              |  |  |              |
|          | 53                   |  |          |  |          |          |              |  |  |              |
|          | 54<br>55             |  |          |  |          |          |              |  |  |              |
|          | 55                   |  |          |  |          |          |              |  |  | _            |
|          | 56<br>57             |  |          |  | ш        |          | _            |  |  | _            |
|          | 58                   |  | -        |  |          |          |              |  |  |              |
|          | 59                   |  |          |  | Н        |          |              |  | _  |              |
|          | 60                   |  |          |  |          |          |              |  |  |              |
|          | 61                   |  |          |  |          |          |              |  | _  |              |
|          | 62<br>63             |  |          |  |          |          |              |  |  |              |
|          | 63                   |  |          |  |          |          |              |  |  |              |
| <u> </u> | 64                   |  | _        |  | L.,      |          | _            |  | _  |              |
| <u> </u> | 65                   |  |          |  |          |          |              | _  |  |              |
|          | 66<br>67             |  |          |  |          |          |              |  |  | -            |
|          | 68                   | -  | -        |  |          | -        |              |  | $\vdash$   |              |
|          | 69                   | $\vdash$   | _        | -  |          |          | -            |  |  |              |
|          | 70                   | <del>                                     </del> |          |  |          |          |              |  |  |              |
|          | 71                   |  |          |  |          |          |              |  |  |              |
|          | 72                   |  |          |  |          |          |              |  |  |              |
|          | 73                   |  |          |  |          |          |              |  |  |              |
| ļ        | 74                   | _  |          |  |          |          |              |  | <u> </u>   |              |
|          | 73<br>74<br>75<br>76 |  | _        |  |          |          | ┝            |  | <u> </u>   |              |
| -        | 77                   | -  |          | H  | -        |          | <del> </del> |  | -  |              |
| $\vdash$ | 78                   |  |          |  |          |          | -            |  | $\vdash$   | _            |
|          | 79                   |  |          | -  |          | _        | $\vdash$     |  | $\vdash$   |              |
|          | 80                   |  | $\vdash$ |  |          | $\Box$   | Г            | Г  | $\Box$   |              |
|          | 81                   |  |          |  |          |          |              |  |  |              |
|          | 82                   |  |          | <u> </u>   |          |          | L            |  | _  |              |
|          | 83                   | _  | _        |  |          | _        |              | _  | <u> </u>   | L_           |
|          | 84                   | <u> </u>   |          |  | -        |          |              | <u> </u>   | _  | _            |
| -        | 85<br>86             |  | -        | <u> </u>   | <u> </u> |          |              |  |  | _            |
| -        | 87                   | $\vdash$   |          | _  | ┝        |          |              | ├─   |  | <del> </del> |
| <b> </b> | 88                   | -  |          | _  | ┢        |          | -            | $\vdash$   |  |              |
|          | 89                   |  |          |  | <u> </u> |          |              | <del>                                     </del> | -  | _            |
|          | 90                   |  |          |  |          |          |              |  |  |              |
|          | 91                   |  |          |  |          |          |              |  |  |              |
|          | 92                   | _  | _        | <u> </u>   | _        | L        | _            | L  | <u> </u>   |              |
|          | 93                   |  | <u> </u> | _  | <u> </u> | <u> </u> | <u> </u>     | ├-   | <u> </u>   | $\vdash$     |
| -        | 94                   | ├-   | -        | $\vdash$   | -        | $\vdash$ | -            | <del> </del>                                     | -  |              |
| -        | 95<br>96             | -  | -        | ⊢  | -        | $\vdash$ | -            | -  | -  | -            |
|          | 97                   | -  | -        | $\vdash$   |          | $\vdash$ | -            | $\vdash$   | -  | $\vdash$     |
|          | 98                   | $\vdash$   | $\vdash$ | <del>                                     </del> | $\vdash$ | -        | ┢            | $\vdash$   | <del>                                     </del> | $\vdash$     |
|          | 99                   | <u> </u>   | $\vdash$ |  |          |          |              |  |  | Τ            |
|          | 100                  |  |          |  |          |          |              |  |  |              |
|          |                      |  |          |  |          |          |              |  |  | -            |

|       |            | ш              |                                     | _  |              |  |  |                |              |                 |
|-------|------------|----------------|-------------------------------------|--|--------------|--|--|----------------|--------------|-----------------|
| CI.   |            | Date           |                                     |  |              |  |  |                |              |                 |
| Cli   | aim        | <u> </u>       |                                     |  |              | Jate   | -  | _              | _            | $\dashv$        |
| Final | Original   |                |                                     |  |              |  |  |                |              |                 |
| Ë     |            |                |                                     |  |              |  |  |                |              |                 |
|       | 101        |                |                                     |  |              |  |  |                |              |                 |
|       | 102        |                |                                     |  |              |  |  |                |              |                 |
|       | 103        |                |                                     |  |              |  |  |                |              |                 |
|       | 104        |                |                                     |  | _            |  |  |                |              |                 |
|       | 105        | $oxed{oxed}$   |                                     |  |              |  |  | Ш              |              |                 |
|       | 106        | _              |                                     |  | _            |  |  | $\blacksquare$ |              | $\dashv$        |
|       | 107        | $\vdash$       |                                     |  | _            |  | _  | _              | _            | $\dashv$        |
|       | 108        |                |                                     |  |              |  |  |                |              | -               |
|       | 109<br>110 |                |                                     | -  | -            | -  | _  |                | _            | -               |
|       |            | -              |                                     |  | _            | -  |  | _              |              | $\vdash$        |
|       | 111<br>112 | $\vdash$       | -                                   | <del> </del>                                     | -            | $\vdash$   |  | $\vdash$       | $\vdash$     | $\vdash$        |
|       | 113        | $\vdash$       | -                                   | $\vdash$   | <del>-</del> | $\vdash$   | $\vdash$   | $\vdash$       | $\vdash$     | $\vdash \vdash$ |
|       | 114        | $\vdash$       | Н                                   | -  | -            | $\vdash$   | H  | Н              |              | H               |
|       | 115        | $\vdash$       | -                                   |  | -            | -  |  | -              |              | H               |
|       | 116        | $\vdash$       | $\vdash$                            | Н  | $\vdash$     |  | $\vdash$   |                |              | $\dashv$        |
|       | 116<br>117 |                |                                     | -  | _            |  | _  |                |              | Н               |
|       | 118        | H              |                                     |  |              | _  |  | _              |              | Н               |
|       | 119        |                |                                     |  |              |  |  |                |              | П               |
|       | 120        |                |                                     |  |              |  |  |                |              |                 |
|       | 121<br>122 |                |                                     |  | Г            |  |  |                |              |                 |
|       | 122        |                |                                     |  |              |  |  |                |              |                 |
|       | 123        |                |                                     |  |              |  |  |                |              |                 |
|       | 124<br>125 | _              |                                     |  | <u> </u>     |  |  |                |              |                 |
|       | 125        | L              | _                                   | ļ  |              | -  | <u> </u>   |                |              | Н               |
|       | 126        | H              |                                     | ┝  | _            | _  |  |                |              | Н               |
|       | 127<br>128 | -              |                                     | $\vdash$   | -            |  | $\vdash$   |                |              | Н               |
|       | 129        | ├              |                                     | $\vdash$   |              |  |  |                |              | Н               |
|       | 130        | $\vdash$       |                                     | ┢  |              |  |  |                |              | H               |
|       | 131        | T              |                                     | $\vdash$   |              |  |  |                |              | $\vdash$        |
|       | 132        |                |                                     |  |              | Г  |  |                |              | П               |
|       | 133        |                |                                     |  |              |  |  |                |              |                 |
|       | 134        | L              |                                     |  |              |  |  |                |              | Ш               |
|       | 135        | <u> </u>       | _                                   | L_   | <u> </u>     |  | <u> </u>   | _              |              | Ш               |
|       | 136        | ļ              | L                                   | ļ  | ⊢            | ⊢  | <u> </u>   | L              |              | Щ               |
|       | 137<br>138 | -              | ⊢                                   | <u> </u>   | ⊢            | $\vdash$   | ⊢  | H              |              | Н               |
|       | 138        | $\vdash$       | $\vdash$                            | ├  |              | ├-   | <del>                                     </del> | -              | -            | $\vdash$        |
|       | 140        | $\vdash$       | $\vdash$                            | <del>                                     </del> | $\vdash$     | <del>                                     </del> | $\vdash$   | $\vdash$       | <del> </del> | H               |
|       | 141        | T              | -                                   | Г  | _            | <u> </u>   | -  | -              | ┢            | H               |
|       | 142        |                |                                     |  |              |  |  |                |              |                 |
|       | 143        |                |                                     |  |              |  |  | L              |              |                 |
|       | 144        |                |                                     |  |              |  |  |                |              | П               |
|       | 145        |                | Ĺ                                   |  |              | L.   |  |                |              | Ш               |
|       | 146        | <u> </u>       | _                                   | _  | L            | _  | _  | <u> </u>       | L.           | Ш               |
| L     | 147        | _              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L  | _            | <u> </u>   |  | L_             | L            | Ш               |
| ļ     | 148        | <u> </u>       | _                                   | <u> </u>   | ļ            | <u> </u>   | ļ .  | <u> </u>       | <u> </u>     | $\vdash$        |
|       | 149        | <del>  -</del> | $\vdash$                            | _  | _            | ⊢-   | <u> </u>   | <u> </u>       | <u> </u>     | Н               |
| L     | 150        | L_             | L                                   | L_   | L            | L  | L_   |                | L            | Ш               |